

GOVERNMENT/INDUSTRY AERONAUTICAL CHARTING FORUM
Instrument Procedures Group
(Transcribed/Re-Formatted)
HISTORY RECORD

FAA Control # 97-01-183

SUBJECT: VDPs on SIAPs w/Part Time Altimeter

BACKGROUND/DISCUSSION: Present FAA directives do not permit charting of VDPs on SIAPs that have a part-time remote altimeter setting source. Further, policy does not permit charting of VDPs on GPS IAPs, on the presumption that published VNAV slopes will be provided where obstacle-clearance requirements are met. Yet, policy also precludes charting of VNAV slopes on GPS IAPs that have a part-time remote altimeter setting source.

RECOMMENDATION: All SIAPs that otherwise meet the requirements for a VDP, and that have a part-time remote altimeter setting source, should have a second, annotated VDP for use with the remote altimeter setting. Flight crews should not be deprived of this essential safety-of-flight information simply because a part-time remote altimeter setting is used. Further, GPS IAPs that would otherwise qualify for a VNAV slope, but which have a part-time remote altimeter setting source, should be provided with a charted VDP for the primary altimeter setting, and an annotated VDP for the secondary altimeter setting.

COMMENT: This recommendation affects Orders 8260.3B and 8260.19C, and various FAA Directives.

Submitted by: Captain Tom Young, Chairman
Charting and Instrument Procedures Committee
AIR LINE PILOTS ASSOCIATION
March 6, 1997

INITIAL DISCUSSION (MEETING 97-01): Issue paper presented by Wally Roberts, ALPA. ALPA's position is that a VDP should be on every IAP that meets obstruction clearance criteria. Jim Nixon, AFS-440 noted that on part-time altimeter IAPs, this would require two VDPs which could present a human factors issue. Paul Best, AFS-420 noted that perhaps a note could resolve the charting of dual VDPs "...use xxx altimeter and change VDP to x.x DME". AFS-400 will consider the issue and report at the next meeting. **Action: Item Open (AFS-410/420/440/450).**

MEETING 97-02: Issue paper presented by Wally Roberts, ALPA. ALPA's position is that a VDP should be on every IAP that meets obstruction clearance criteria. Paul Best, AFS-420 noted that on part-time altimeter IAPs, this would require two VDPs which could present a human factors issue. He noted that perhaps a note could resolve the charting

of dual VDPs "...use xxx altimeter and change VDP to x.x DME". AFS-400 will consider the issue and report at the next meeting. **Action:** Item Open (AFS-410/420/440/450)

MEETING 98-01: There is not a consensus within the group on this issue. Paul Best, AFS-400 stated that despite two proposals, Change 17 to TERPS is explicit in not authorizing VDP's at locations being serviced by part-time or full time remote altimeter settings. The ALPA issue paper presented by Wally Roberts, ALPA explains ALPA's position is that a VDP should be on every IAP that meets obstruction clearance criteria. Paul noted that on part-time altimeter IAPs, requiring two VDPs could present a human factors issue. A second proposal is to add a note to procedures at locations with remote altimeters indicating "VDP Inop" or "NA". Jim Terpstra, Jeppesen expressed concern about differences in defining VDP's on IAPs with stepdown fixes. Bill Hammett, ISI stated that change 17 of TERPS address this and other concerns of the group. The final consensus of the group is that VDP's should not be authorized with remote altimeter settings as noted in change 17. **Status:** Item Closed.